

CLAIMS

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1. A resin composition for electrostatic coating comprising a rubber-reinforced aromatic vinyl resin (A), a polyamide elastomer (B), a modified vinyl polymer (C) containing at least one functional group selected from the group consisting of carboxyl, epoxy, amino and amido, and an alkali metal salt (D).

2. The resin composition according to claim 1, wherein the rubber-reinforced aromatic vinyl resin (A) is a graft copolymer obtainable by polymerizing monomer components (a-2) in the presence of a rubber-like polymer (a-1), or a mixture of said graft copolymer and a copolymer of the monomer components (a-2), the monomer components (a-2) comprising (i) an aromatic vinyl monomer, (ii) at least one monomer selected from the group consisting of a vinyl cyanide monomer and an alkylester monomer of unsaturated carboxylic acid and, when necessary, (iii) another copolymerizable vinyl monomer.

3. The resin composition according to claim 1, wherein the polyamide elastomer (B) is obtainable by reacting polyol with at least one compound selected from the group consisting of aminocarboxylic acid having not less than 6 carbon atoms, lactam having not less than 6 carbon atoms and nylon mn salt ($m + n \geq 12$).

4. The resin composition according to claim 1,

wherein the modified vinyl polymer (C) is a copolymer of an ethylenically unsaturated monomer containing at least one functional group selected from the group consisting of carboxyl, epoxy, amino and amido with another

5 ethylenically unsaturated monomer.

5. The resin composition according to claim 1, wherein the alkali metal salt (D) is at least one compound selected from the group consisting of potassium thiocyanate and an alkali metal salt of

10 dodecylbenzenesulfonic acid.

6. The resin composition according to any one of claims 1-5, comprising 2-96.95 wt.% of the rubber-reinforced aromatic vinyl resin (A), 2-96.95 wt.% of the polyamide elastomer (B), 1-50 wt.% of the modified vinyl
15 polymer (C) and 0.05-10 wt.% of the alkali metal salt (D) when a total amount of the rubber-reinforced aromatic vinyl resin (A), the polyamide elastomer (B), the modified vinyl polymer (C) and the alkali metal salt (D) is 100 wt.%.

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Sub 20 7. A formed resin article excellent in electrostatic coatability, which is formed from the resin composition according to any one of claims 1-6.

8. A formed resin article having electrostatic coating film, which is produced by electrostatically
25 coating the resin article according to claim 7.